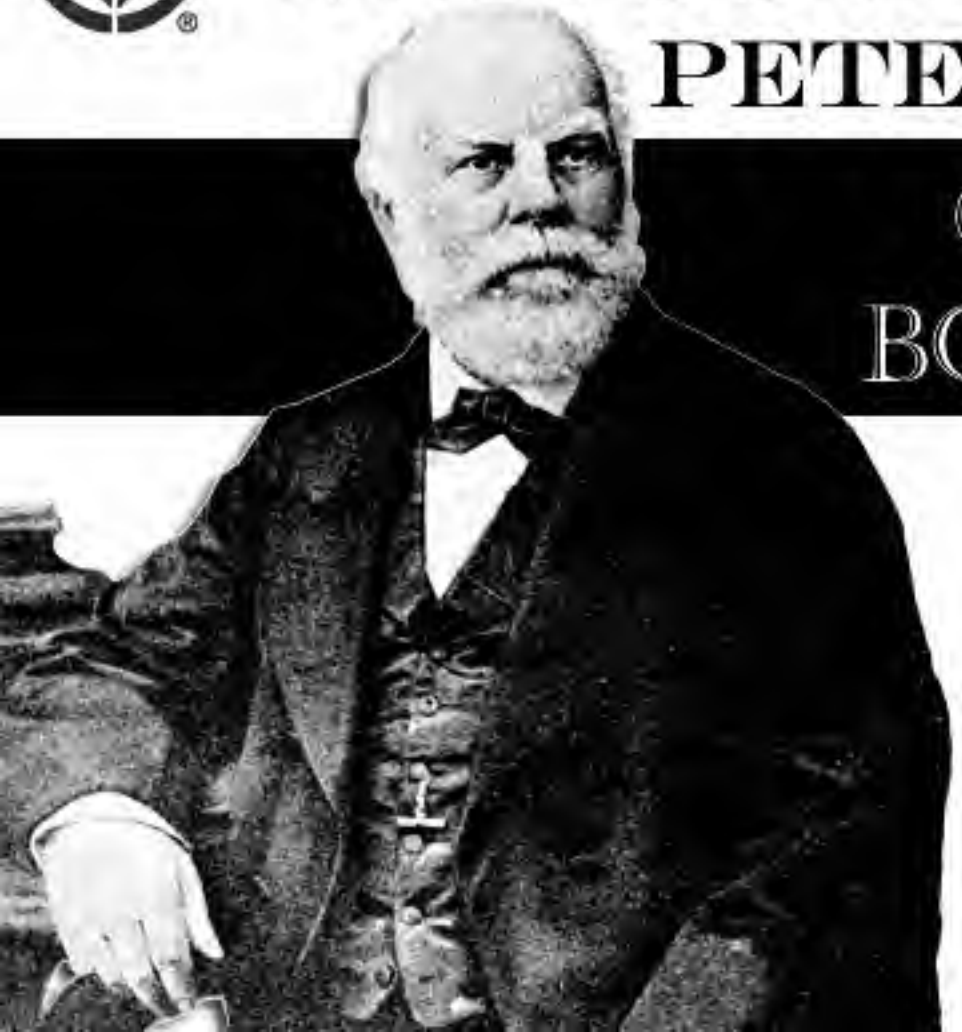
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

— Herb Torrey 1871

Lt. Whipple's Exp. Heights of San Pasqual, South bank
Williams River & ~~[illegible]~~ Bigelow. leaves
Cañon pass, Bigelow leaves, dry first
Mts east of San Ysidro Torrey 1850. last
Santa Barbara. Torrey 1853. leaves

(Lower Expedit. at mouth of Diamond River, just below
mouth of Little Colorado, north side of Colorado River
no specimens seen.

0 1 2 3 4 5 6 7 8 9 10
cm
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MISSOURI BOTANICAL GARDEN

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ges on One Case

n S. P. Sensenig & Co

to Dr G. Engelmann

ase of dried Pla

of Messrs S. P. Sense

Kennith

ce . . . . .

use Entry, Brokerag

Charges —

Order charges . .

to Customhouse .

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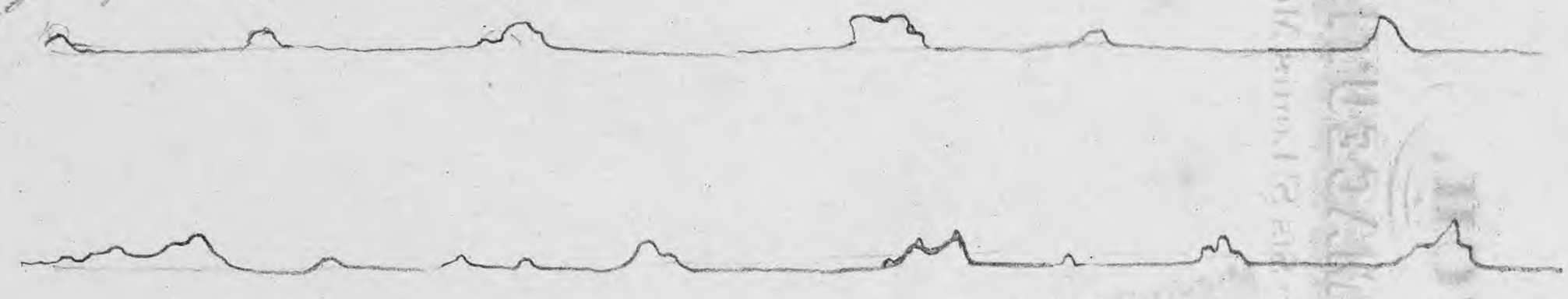
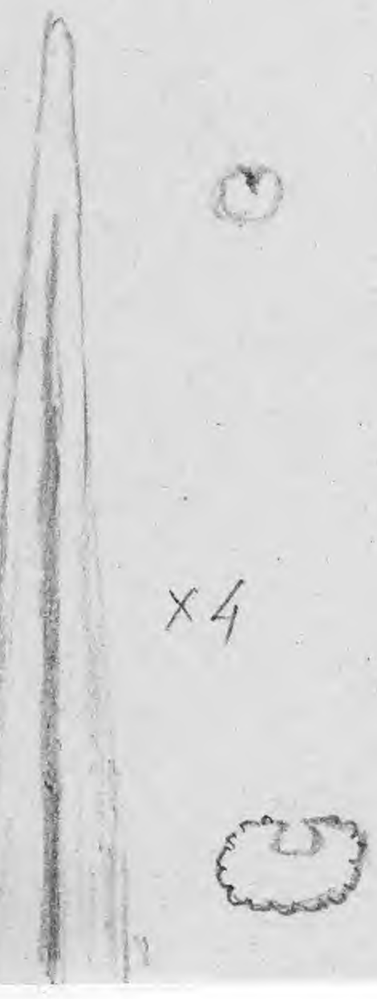
Yucca whipplei March 24 1871

Williams River, Dr Bigelow & H.C. Torrey

original specimen —

edge of leaf x 6u





x 4

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ALEX. LEITCH,

APOTHECARY & PHARMACEUTIST,

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

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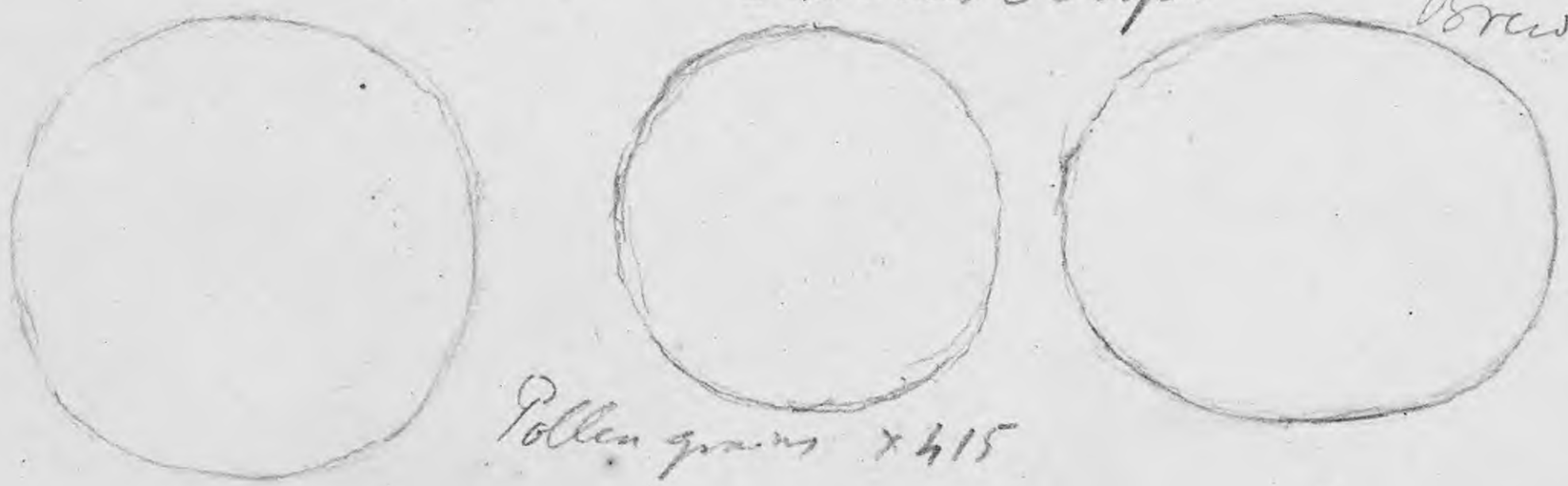
454 Y. Whipplei San Luis Obispo June 6 1871

Brewer



Pollen grains x 415

anthers x 10

Broader than long

of filament x 150

filaments not papillose nor recurved

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LEITCH & CORLIES,
DRUGGISTS,
South-West Corner of Fifth and Market Streets.

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Yucca Whipplei

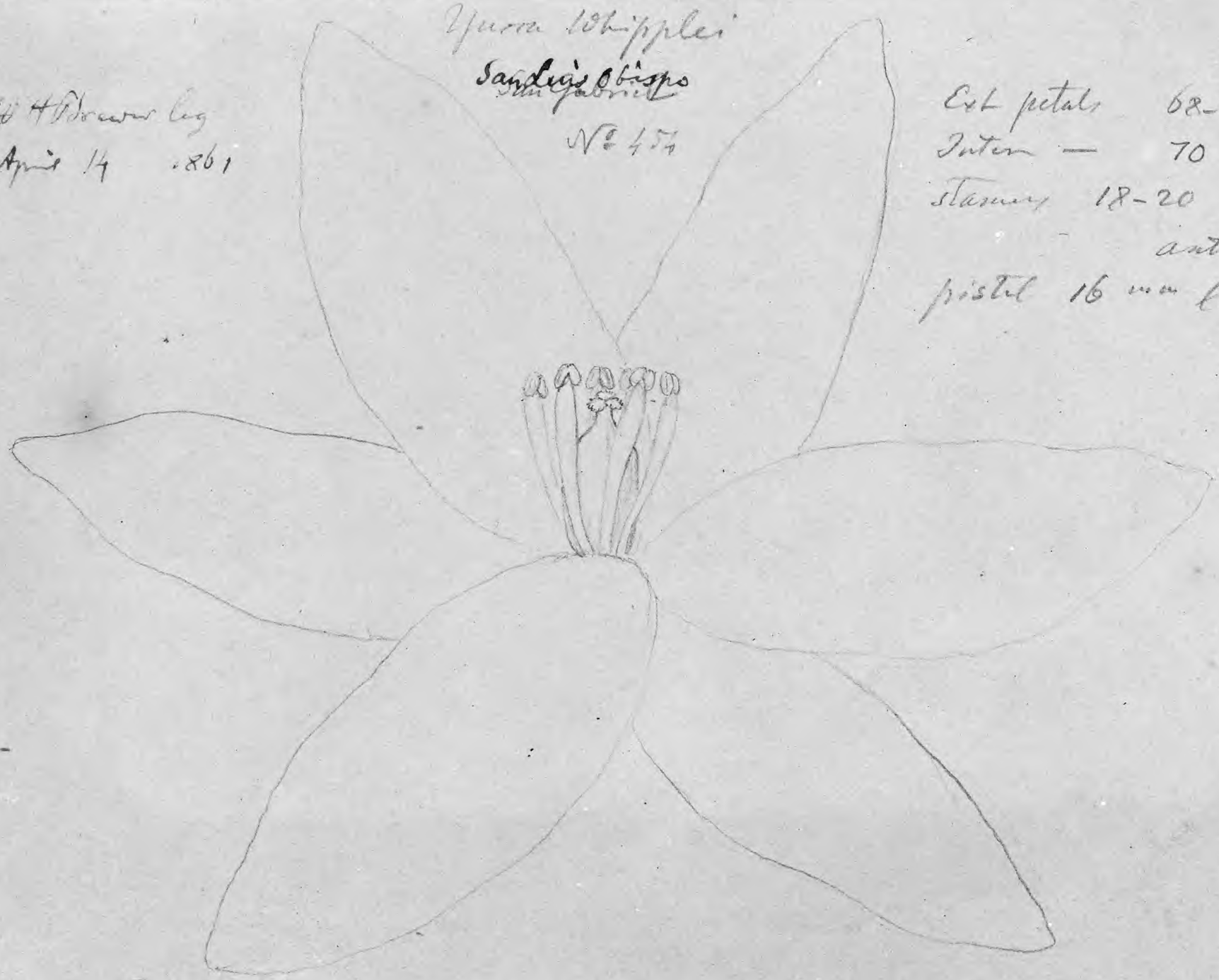
Sandy's Obispo
~~San Gabriel~~

Nº 454

Hth Wooster leg
April 14 1861

June 6 1871

Ext petals 68-69 mm long 24 mm wide
Inter — 70 — 27 —
stamens 18-20 mm long
anther 2½ mm long 3 wide
pistil 16 mm long



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M. W. ALEXANDER,

South-east corner Fourth and Market Streets,

ST. LOUIS.

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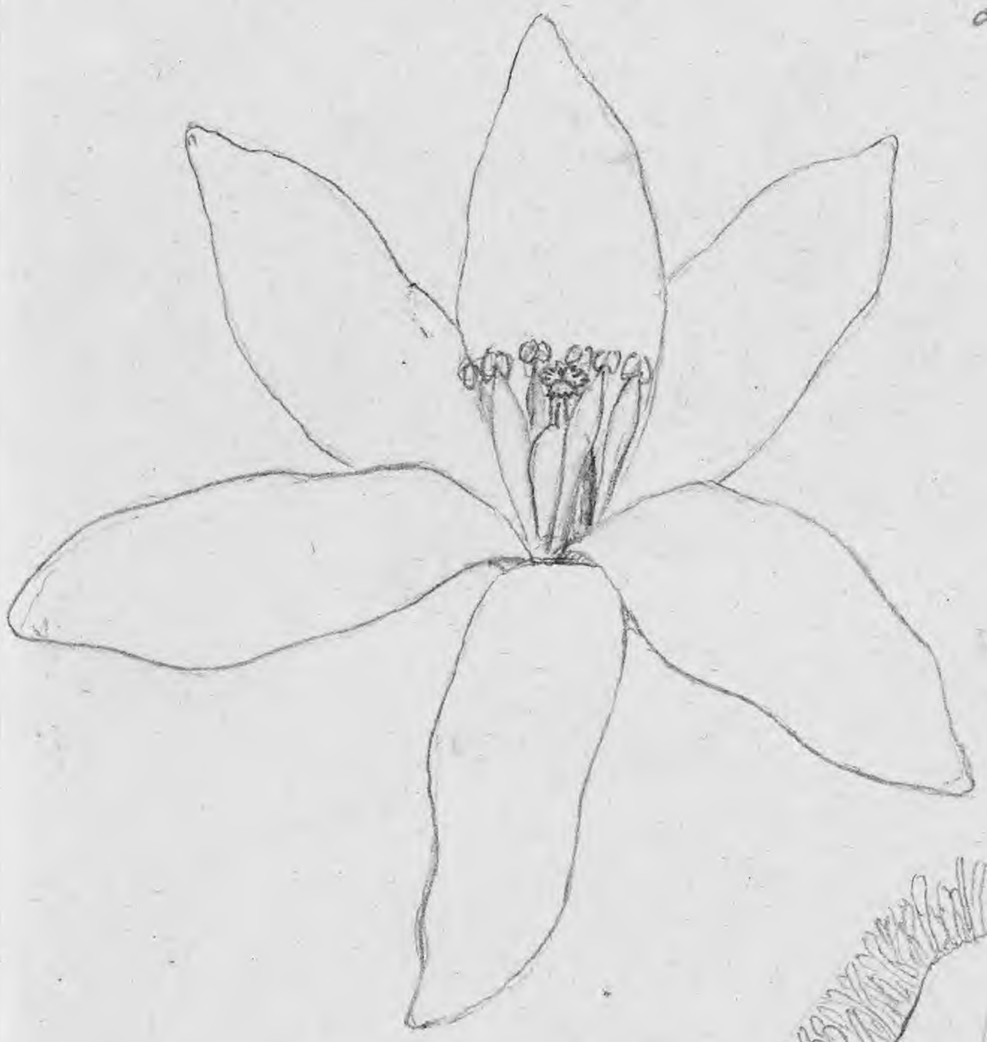
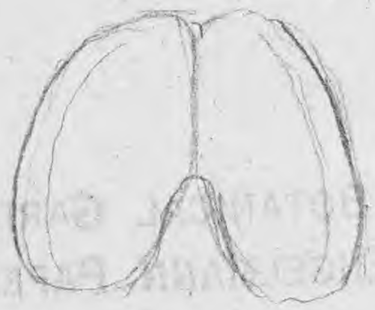
Yucca Whipplei

June 10 1871

Dr J. G. Cooper

" 5 feet, white, sand summit of Cajon Pass Jun. 8 1861, leaves linear 2 feet long

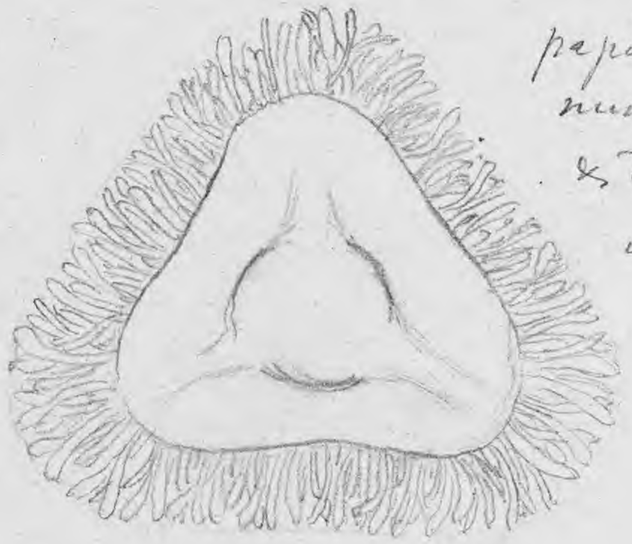




x 10

filament smooth

x 5



papillae too numerous & too dense in figure

Pollen grain

x 415

under side of stigma x 10

papillae x 30 1-celled

Opposite Lindell Hotel

Missouri Botanical Garden

Geo. Engelmann Herbarium

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L. O. WOODRUFF,

Druggist,

Cor. Sixth St. & Washington Ave.,

Opposite Lindell Hotel,

ST. LOUIS, MO.

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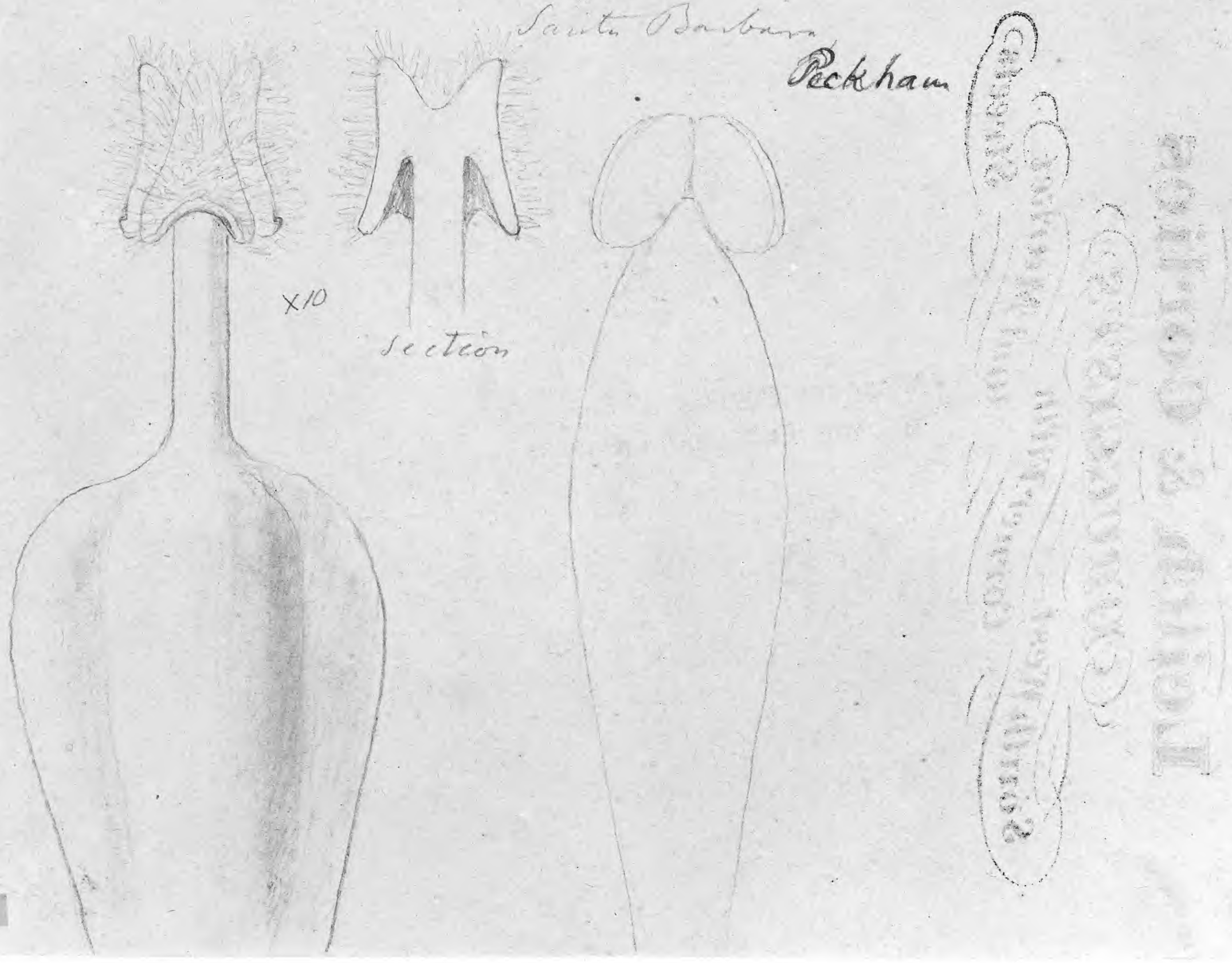
Yucca Whipplei June 11 1871

Santa Barbara

Peckham



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Leitch & Corlies
DRUGGISTS
South West Corner Fifth and Market Streets

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Y. Whipplei		San Pasqual Schott Lowy
		William River Bigelow
i. Hort Torrey		Mtns East of San Diego Parry
		Santa Barbara Torrey
		Mouth of Diamond River Pacific Exp

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E. O. E.

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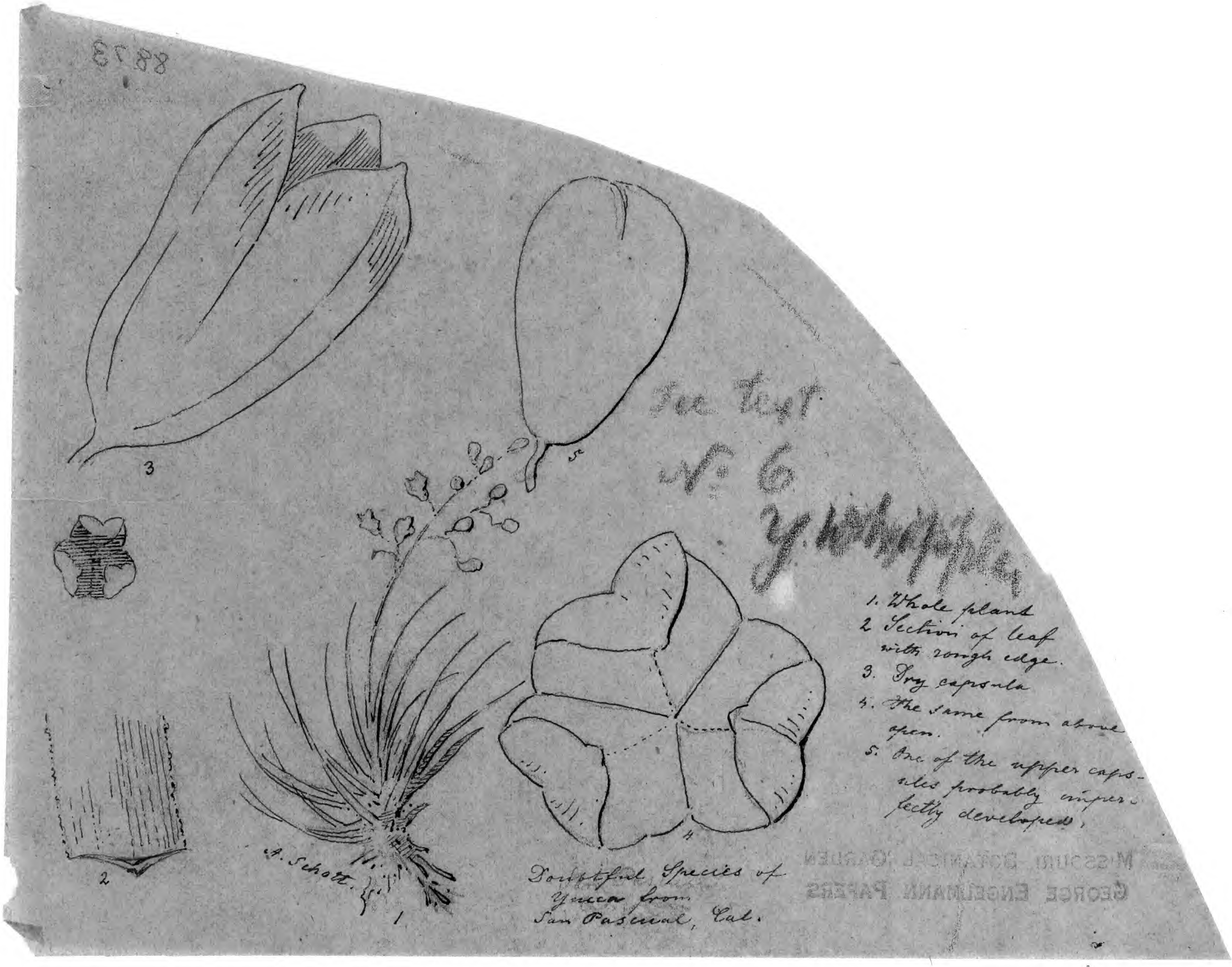

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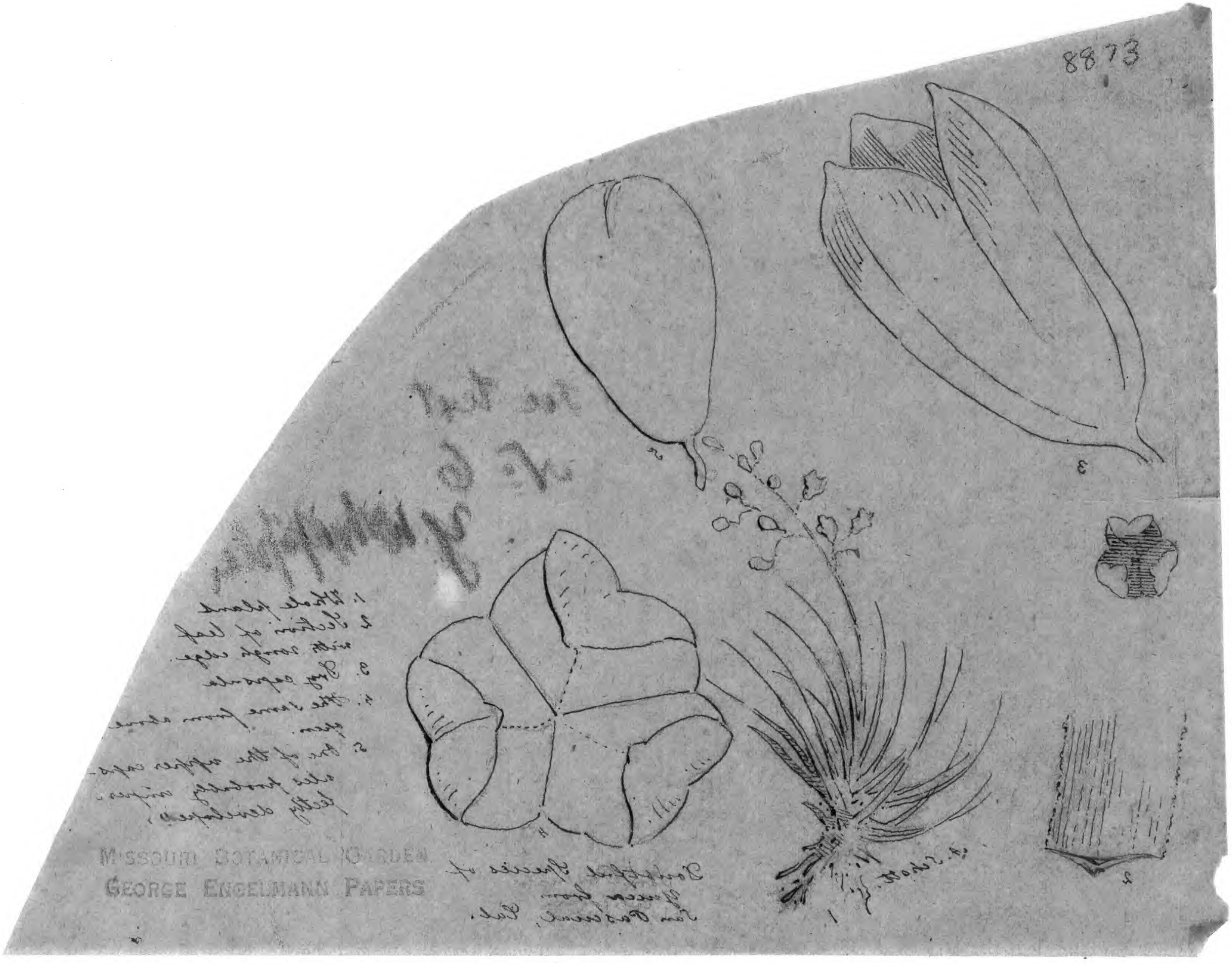

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Y. Crew folia — Herb Torrey

on the Mohave, Arizona
"whole forests"
on sandy plains, Fremont April 1844
see Report p. 256–258
Deserts east of the Sierra Nevad, towards
the Mohave 34° 30 — 35° lat.

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Y. [illegible] ?

Yucca aloefolia ?

Yucca Whipplei Torr. – Bot Bound p. 222 – Bot Whippl. p. 147. "15–24"
Bot Lows Rep. p. 29. –

Bot Bound p. 222: caudex 1–2 feet high, leaves 1½ foot slightly serrulate; capsule coriaceous 1¼ inch long, as wide; leaves flat, thin.

Dr Bigelow (Nov 1862) supposes this the same which he found at Cajon Pass and which after flowering dies like an Agave down to the subterranean caudex.

See Schott's notes & sketch No. 6 – ~~same as Y. rupicola Schuch?~~

Yucca Whipplei? Verbal mem. of Dr E Palmer Nov 1870:
near St George, Utah, and southward at Union – Pass, in sandy soil – acaulis, humilis, scapus parvula 2–3 pedalis folia vix excedens a Dasylirion?

Y. Hallii Torrey

Hights of San Pasqual Southern California; "stem 1–2 feet creeping among granite Rocks" scape 2–3 feet (notes diff Schott & Hallii Torrey – leaves falcate 15–18 inches striate on back

Parry, Mountains near San Diego, "leaves radical" "fruit short oval" Parry in sched. – only a part of a striated leaf.

Mountain sides Santa Barbara County, Torrey by 1865 striated leaves only 12–15 inches long

Dr Newberry Rocks at Mouth of Diamond River – Colorado
Lows Expl. Exped. Sept 3. 1858

Parry and others speak of it as stemless, Schott gives it a short trunk

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Sent to Meyerbach – to be replaced

S. Wilson Flora of Utah & Nevada

1871

Yucca

l. 2 filaments for stamens

straight or slightly curved embryo

var. S. elata.

Hesperoloe

plants: in the bud slightly geniculate –

Agave

add: Embryo as in Yucca

— at extreme end of general decr.

flowers proterandrous; the style attains its full length and the stigma its full development only after the others have ~~had their pollen~~ opened.

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[The following letter from Mr. C. E. VAN GOOR, the celebrated Florist, of Harlem, was received too late for insertion in the INDEX; hence we send it out in this form.]

Harlem, Holland, June 24, 1878.

Mr. L. B. Case, Richmond, Ind.

Dear Sir:—Your letter just at hand. Would say that Hyacinths are not well grown; just as they were last year—the pure white ones are generally bad. The reason therefor is that they have been injured by a bad dew, and storms have broken their leaves while they were growing.

Tulips and Crocus as good as usual. Narcissus very good.

Anemones and Ranunculus promise well, but are not yet taken out of the ground.

Hoping these few lines may be of some use to you, I remain, dear sir,

Yours, truly,

C. E. VAN GOOR.

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